

Title (en)
Curing of compositions containing Bisacylphosphinoxide

Title (de)
Härtung von Bisacylphosphinoxid-Photoinitiatoren enthaltenden Zusammensetzungen

Title (fr)
Durcissement de compositions contenant des initiateurs Bisacylphosphinoxide

Publication
EP 0615980 B1 20011205 (DE)

Application
EP 94810148 A 19940309

Priority
CH 81693 A 19930318

Abstract (en)
[origin: EP0615980A2] Ethylenically unsaturated, polymerisable compounds can be cured by means of daylight or daylight-equivalent light sources if, as curing agent, a photoinitiator of the formula I <IMAGE> in which R1 is C1-C12-alkyl, cyclopentyl, cyclohexyl, unsubstituted phenyl, naphthyl or biphenyl or C1-C12-alkyl- and/or halogen-substituted phenyl, naphthyl or biphenyl, R2 and R3, independently of one another, are C1-C12-alkyl, R4 is hydrogen or C1-C12-alkyl, and R5 is hydrogen or methyl, is added.s

IPC 1-7
C08F 2/50; **C08F 299/04**

IPC 8 full level
C07F 9/53 (2006.01); **C08F 2/50** (2006.01); **C08F 4/00** (2006.01); **C08F 283/01** (2006.01)

CPC (source: EP KR US)
C07F 9/5337 (2013.01 - EP KR US); **C08F 2/50** (2013.01 - EP KR US); **C08F 283/01** (2013.01 - EP KR US); **C08K 5/5397** (2013.01 - KR); **C09D 151/08** (2013.01 - KR)

C-Set (source: EP US)
C08F 283/01 + C08F 2/50

Citation (examination)
EP 0446175 A2 19910911 - CIBA GEIGY AG [CH]

Cited by
US6136880A; EP1408017A3; US2010048762A1; EP0742262A3; CN102791754A; US6130980A; GB2310862A; FR2804683A1; NL1017310C2; BE1013960A3; FR2810041A1; BE1014218A5; ES2194584A1; EP3173449A1; GB2310855A; FR2745575A1; AT404729B; NL1005424C2; ES2132018A1; BE1011437A5; GB2310855B; US6020528A; CN1092201C; DE19708294B4; DE19758946B4; WO9847954A1; WO0174499A1; WO2009090126A1; WO03068784A3; WO9850317A1; WO2016050398A1; US10577471B2; DE102007026196A1; DE102012212429A1; US9809724B2; DE102010044206A1; US9193888B2; US7511084B2; US7714038B2; WO2012171833A1; WO2014090647A2; WO0035633A1; DE102010001956A1; DE102010044204A1; WO2013139602A1; EP2942361A1; WO2004022621A1; WO2018033215A1; EP3620443A1; DE102010003308A1; US8048937B2; US10472525B2; EP3854374A1; WO2021148667A1; EP3375429A1; WO2018167213A1; US10131814B2; US10703929B2; EP4124331A1; WO2011015539A1; US8415437B2; EP2649981A1; WO2013153166A1; EP3427715A1; DE102008041654A1; WO2013178523A1; WO2014012852A1; US9296907B2; WO2016096503A1; US9718974B2; US10584262B2; WO2007063026A1; US6359025B1; WO2014063920A1; US8889788B2; US9752056B2; WO2020083754A1; DE102008002008A1; US8236905B2; WO2014161817A1; WO2015067478A1; WO2015106771A1; EP2987480A1; WO2016026915A1; US9840635B2; WO2014076073A1; US10683426B2; DE102020132126A1; WO2022117786A1; WO2006069690A1; US8211954B2; US8703836B2; WO2015055591A1; US10294392B2; WO2020012039A1; DE102010026490A1; WO2012004319A1; US10005103B2; WO2021069295A1; WO2023025554A1; WO2023156441A1; EP0825201B2

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AT BE DE ES FR GB IT NL SE

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EP 0615980 A2 19940921; **EP 0615980 A3 19941228**; **EP 0615980 B1 20011205**; AT E210155 T1 20011215; AU 5775394 A 19940922; AU 682334 B2 19971002; BR 9401197 A 19941018; CA 2119206 A1 19940919; DE 59409985 D1 20020117; ES 2167353 T3 20020516; JP H06298818 A 19941025; KR 100313584 B1 20011228; KR 940021629 A 19941019; MA 23097 A1 19941001; US 5534559 A 19960709; ZA 941879 B 19940919

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EP 94810148 A 19940309; AT 94810148 T 19940309; AU 5775394 A 19940311; BR 9401197 A 19940317; CA 2119206 A 19940316; DE 59409985 T 19940309; ES 94810148 T 19940309; JP 7446794 A 19940318; KR 19940005531 A 19940317; MA 23403 A 19940125; US 45111595 A 19950525; ZA 941879 A 19930317